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9639AMENDMENTIN THE CLAIMS:

1. (AMENDED) A method for making a heat exchanger of a furnace system comprising the steps of:
applying a layer of an oxidizable material on an inner surface and an opposing outer surface of said heat exchanger; and
oxidizing said layers of oxidizable material to form a layer of dark material having a high emissivity on each of said inner surface and said outer surface.
2. (AMENDED) The method as recited in claim 1 wherein the step of applying said layers of said oxidizable material includes applying said layers of oxidizable material electrochemically.
3. (AMENDED) The method as recited in claim 1 wherein step of oxidizing said layers of oxidizable material includes utilizing an oxidizing alkaline solution to oxidize said layers of oxidizable material.
4. (AMENDED) The method as recited in claim 1 wherein said layers of oxidizable material are copper.
5. (AMENDED) The method as recited in claim 4 wherein said layers of oxidizable material are oxidized to cupric oxide.

Please delete claim 8.

21. (NEW) The method as recited in claim 3 further including the step of spraying said oxidizing alkaline solution on said layers of oxidizing material.

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22. (NEW) The method as recited in claim 3 further including the step of emersing said heat exchanger with said layers of oxidizable material in said oxidizing alkaline solution.